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## ANNUAL REPORT

on the

Working of the Ranchi Indian  
Mental Hospital, Kanke, in  
Bihar and Orissa, for the year

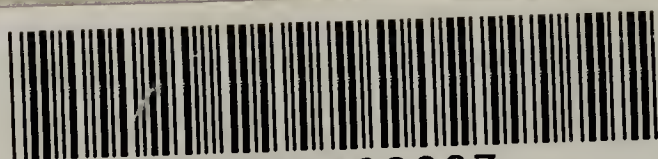
1934



SUPERINTENDENT, GOVERNMENT PRINTING,  
BIHAR AND ORISSA, PATNA.

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FROM

LT.-COL. P. S. MILLS, I.M.S.,  
INSPECTOR-GENERAL OF CIVIL HOSPITALS,  
BIHAR AND ORISSA,

TO

THE SECRETARY TO THE GOVERNMENT OF  
BIHAR AND ORISSA, LOCAL SELF-GOVERNMENT  
DEPARTMENT.

*Dated Patna, the 27th August 1935.*

SUBJECT.—Annual report on the working of the Ranchi Indian Mental Hospital, Kanke, for the year 1934.

SIR,

I HAVE the honour to submit, for the information of Government, the Superintendent's report on the working of the Ranchi Indian Mental Hospital during the year 1934, together with the returns in the prescribed forms.

2. The institution has maintained the high level of efficiency which has characterized it in the past.

I have the honour to be,

SIR,

Your most obedient servant,

P. S. MILLS,

LT.-COL., I.M.S.,

*Inspector-General of Civil Hospitals,  
Bihar and Orissa.*



# ANNUAL REPORT

## ON THE

### Working of the Ranchi Indian Mental Hospital, Kanke, in Bihar and Orissa for the year 1934.

1. *Provinces served*.—During the year under report the Ranchi Indian Mental Hospital continued to receive patients as in the previous years from the Provinces of Bengal and Bihar and Orissa.

2. *Administration*.—I held charge of the hospital throughout the year under report.

3. *Accommodation*.—The accommodation of the hospital remained the same as in the previous years, viz., 1,014 for males, 272 for females, total 1,286. The 50 emergency beds sanctioned by Government in 1929 to relieve overcrowding in the male section were in demand throughout the year.

There was no overcrowding in the female section.

As reported in the previous years, none of the expansion projects could be taken up during the year under review, owing to continued financial difficulties.

4. *Patients*.—The following table shows the number of patients resident in the hospital on 1st January 1934 and two previous years :—

Year.				Male.	Female.	Total.
1934	...	...	...	1,049	234	1,283
1933	...	...	...	1,041	239	1,280
1932	...	...	...	1,045	227	1,272



5 *The maximum number resident in the hospital on any one night during the period under report as compared with two previous years was as follows :—*

Year.				Male.	Female.	Total.
1934	...	...	...	1,053	242	1,295
1933	...	...	...	1,059	239	1,298
1932	...	...	...	1,049	236	1,285

6. *Total admission.*—The following table shows the admissions (including re-admissions) during 1934 and two previous years :—

Year.				Male.	Female.	Total.
1934	...	...	...	89	37	126
1933	...	...	...	116	28	144
1932	...	...	...	97	39	136

7. *The total population of the hospital, during the year 1934 as compared with two previous years, is shown in the following table :—*

Year.				Male.	Female.	Total.
1934	...	...	...	1,138	271	1,409
1933	...	...	...	1,157	267	1,424
1932	...	...	...	1,142	266	1,408



8. *The daily average strength* of patients resident in the hospital in 1934 as compared with two previous years was as follows :—

Year.				Male.	Female.	Total.
1934	...	...	...	1048.51	238.36	1286.87
1933	...	...	...	1047.12	240.44	1287.56
1932	...	...	...	1033.34	226.07	1259.41

9. *The ratio per cent of cases cured* to the daily average strength during the year as compared with two previous years is shown below :—

Year.				Male.	Female.	Total.
1934	...	...	...	5.34	7.56	5.75
1933	...	...	...	5.63	7.90	6.06
1932	...	...	...	5.75	6.98	5.97

10. *The ratio per cent of cases cured* to the total admission for the year 1934 and two previous years is appended below :—

Year.				Male.	Female.	Total
1934	...	...	...	30.34	27.03	29.36
1933	...	...	...	26.72	35.71	27.78
1932	...	...	...	25.77	23.08	25.00

As pointed out in my last report, the so-called new admissions during 1934, which number 126, were by no means early cases. In theory the advantage of treatment in the early and hopeful stage is not disputed ; indeed, it is indisputable. It seems that we shall never be able to see early cases in this

hospital for treatment in large numbers amongst our newly-admitted patients until such time the public mind is sufficiently educated in India as to the advantages of early treatment in modern mental hospitals. No matter how much we may deplore it, a strong odium is still attached to mental disease, and the relations desire to keep secret the fact that no one in their family is so affected. In my private practice I have been often requested by relatives to visit the patients after sunset so that I may not be spotted by neighbours and the fact may not become public. The problem of encouraging early treatment cannot be solved without securing the confidence of the patient and of his family and any measure which will conduce to this end is worthy of careful consideration. It will not be out of place to report below the words of His Majesty the King Emperor, while opening the Shenley Mental Hospital in England on 31st May 1934 : " I note with satisfaction that, in designing this hospital, you have paid special regard to the treatment of the mental illness in its early stages by the addition of a Reception Hospital which I look forward to seeing to-day. " Moreover, 40 per cent of this so-called new admissions were not only suffering from chronic mental diseases but were equally bad in their physical health. Good many were admitted in a very low state of health, markedly anæmic with consequent debility. Some were treated as suspected cases of Tuberculosis of Lungs. In fact, tubercle bacilli were detected in the sputum of two newly admitted cases, and one of them subsequently died. In spite of the above difficulties, 29·36 the ratio per cent of cases cured to the so-called new admissions should be considered as extremely satisfactory and justifies the expense on a modern mental hospital.

11. *Death-rates.*—The percentage of deaths to the daily average strength for the year 1934, as well as that of the two previous years, is given below :—

Year.				Male.	Female.	Total.
1934	..	..	..	2·29	2·94	2·41
1933	..	..	..	2·20	2·08	2·17
1932	..	..	..	1·82	0·87	1·65

I am happy to be able to record that the death-rate of this largest mental hospital has again been the lowest of all the other mental hospitals of India.



12. *The chief causes of deaths* among the patients resident in the hospital during the year 1934 are shown below :—

Tuberculosis of Lungs.

Heart failure.

Ankylostomiasis.

Gangrene of Lungs.

General debility and senility.

13. *Duration of hospital life* of those who died during the year 1934 :—

Period.	Male.	Female.	Total.
Under 6 months	3	3	..
Over 6 months and under one year	1	..	1
Over 1 year and under 2 years	..	1	1
Over 2 years and under 3 years	..	..	..
Over 3 years and under 5 years	..	1	1
Over 5 years and under 7 years	1	..	1
Over 7 years and under 10 years	3	1	4
Over 10 years and under 15 years	3	1	4
Over 15 years and under 20 years	6	..	6
Over 20 years and under 25 years	1	1	2
Over 25 years and under 30 years	3	1	4
Over 30 years and under 35 years	1	1	2
Over 35 years and under 45 years	1	..	1
Over 45 years	1	..	1
Total ..	24	7	31

14. *The ages of the patients died are shown below :—*

Age.			Male.	Female.	Total.
Under 20 years of age	..	..	1	..	1
Between 20 and 40 years	..	..	7	1	8
Between 40 and 60 years	..	..	11	3	14
60 years and upwards	..	..	5	3	8
Total	..	..	24	7	31

15. *Health of patients.*—The general physical health of patients has been good throughout the year under report. It is very satisfactory to note that there has been no outbreak of any kind of epidemic diseases during the year 1934.

16. *Sickness.*—The daily average number of sick treated in the Infirmaries for physical ailments for the year 1934 and two previous years is given in the subjoined table :—

Year.			Male.	Female.	Total.
1934	..	..	54.3	10.8	65.1
1933	..	..	59.93	8.10	68.03
1932	..	..	52.21	3.70	55.91



The important admissions in the Infirmaries are shown in the table below :—

Name of disease.				Male.	Female.	Total.
Dysentery (a)	..	..	..	22	4	26
Leprosy	..	..	..	1	..	1
Malaria (b)	..	..	..	119	21	140
Influenza	..	..	..	..	4	4
Pneumonia	..	..	..	2	..	2
Tuberculosis of the Lungs (c)	..	..	..	12	1	13
Animal Parasites—Ankylostomiasis	..	..	..	65	25	90
Round worms	..	..	..	21	2	23
New growth—Non-Malignant	..	..	..	..	1	1
Malignant	..	..	..	1	..	1
All other general diseases	..	..	..	63	3	66
Diseases of the eye	..	..	..	6	..	6
Diseases of the stomach	..	..	..	2	..	2
Diseases of the intestine	..	..	..	32	7	39
All other diseases of the liver	..	..	..	3	..	3
All other diseases of the digestive system	..	..	..	165	13	178
Diseases of the Areolar Tissue	..	..	..	52	5	57
Inflammation, ulcerative	..	..	..	31	1	32
Other diseases of the skin	..	..	..	28	..	28
Injury, general or local	..	..	..	95	10	105
Enteric fever	..	..	..	..	1	1

(a) Out of 26 cases, 6 were of Amœbic type and the rest were of Bacillary type.

(b) Out of 140 cases, 126 cases (105 males and 21 females) were Bacteriologically positive (B. T.-74, M. T.-43 and B. T. and M. T.-9—126).

(c) Out of 13 cases (12 males and 1 female), 8 (7 males and 1 female) were Bacteriologically positive and the rest 5 males were clinically positive.

It is very gratifying to note that the insanitary area within the male enclosure as pointed out in my last Annual Report, has since been reclaimed at a cost of Rs. 1,180. This work was sanctioned by Government on the recommendation of the Managing Committee and I have every reason to believe that this heavy outbreak of malaria in the male enclosure will now be generally lessened.

About 9,725 patients were treated as outdoor patients in the Infirmaries for minor ailments such as ulcers, slight injuries, headaches, constipation, etc.

17. *Cases under observation.*—The total number of patients held under remand for brief periods of observation was 7(3 males and 4 females) against 6 (4 males and 2 females) in 1933 and 53 (36 males and 17 females) in 1932.

Of the 7 cases, 1 male and 3 females were certified and admitted and two male patients were released as uncertifiable. One female patient remained under observation up to the 31st December 1934.

18. *Statement no. II—Criminal patients.*—The annexed table shows the daily average strength of criminal patients.

Year.				Male.	Female.	Total.
1934	..	..	..	433.02	36.79	469.81
1933	..	..	..	435.83	33.71	469.54
1932	..	..	..	434.58	34.25	468.83

Thirty-six (27 males and 9 females) criminal patients were admitted during the year 1934 against 45 (43 males and 2 females) in 1933 and 51 (40 males and 11 females) in 1932 and an analysis of the crimes committed by them is shown in the table appended below :—

Crime committed.				Male.	Female.	Total.
Murder	..	..	..	6	3	9
Culpable homicide	..	..	..	2	1	3
Hurt and Grievous Hurt	..	..	..	5	..	5
Attempt at suicide	..	..	..	1	1	2
Dacoity with murder	..	..	..	2	..	2
Petty offences	..	..	..	11	3	14
Harbouring an offender	..	..	..	..	1	1
Total				27	9	36



19. *Statement no. III.*—Shows the religion, sex and residence of the patients admitted into the hospital during the year 1934 and is self-explanatory.

20. *Statement no. IV.*—Shows the ages of patients admitted during the year under report.

As in the previous years it will be observed from the figures given in the table annexed below, that the largest number of patients admitted was between the ages of 20 and 40 and the ages between 40 and 60 comes the next in order of frequency.

Ages.	1934.			1933.			1932.		
	Male.	Female	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Under 20 years ...	9	6	15	8	1	9	8	4	12
Between 20 and 40 years	67	24	91	81	14	98	73	25	98
„ 40 and 60 „	12	7	19	23	13	36	15	10	25
Upwards of 60 years ...	1	...	1	1	...	1	1	...	1

21. *Statement no. V.*—Shows the type of insanity of the patients admitted. The following were the principal forms treated.

Manic Depressive Insanity.

Mania.

Schizophrenia including D. P.

Epilepsy and Epileptic Insanity.

Acute Confusional Insanity.

Alcoholic Psychosis.

Canabis Indica Psychosis.

General Paralysis of the Insanes.

Neurosis and Psycho-neurosis.

22. *Statement no. VI.*—Shows the probable causes of insanity in the patients admitted during the year and needs no comment.

23. *Paying patients.*—Eighty-five (63 males and 22 females) patients were treated in the hospital during the year 1934 as



compared with 91 (62 males and 29 females) in 1933 and 83 (57 males and 26 females) in 1932.

The scheme of building separate wards for paying patients could not be considered owing to continued financial stringency. Several paying patients had to be refused admission for want of proper accommodation.

24. *Suicide*.—I regret to have to report that a very dependable and well behaved patient, who had hitherto never shown any suicidal tendency, suddenly committed suicide by hanging during the year under review. The patient was perfectly sane and took part in a theatrical performance got up by patients and retired to his bed in a very jovial mood after the play was over, and committed suicide towards the latter part of the night in the night-latrine of the Dormitory in which he lived.

The above unfortunate incident once more very forcibly brings to the fore the fact that in the light of our present knowledge of "Suicide and its Vagaries" it is practically impossible for any human agency to prognosticate or prevent persons with such sudden impulse at suicide, the exhibition of which is never betrayed nor the barest suspicion thrown during life time of the person. However this regrettable incident which, as stated above, is beyond human control, will not refrain me from expressing my deepest debt of gratitude to those attendants who guard the suicidal wards of this largest hospital in India day and night and it is due to their strict vigilance that I am happy to be able to record that we have had no suicides in our Suicidal Wards for the last 8 years although we have a population of 82 potential suicides who often make attempts at suicide.

25. *Escapes*.—Although a considerable amount of freedom was enjoyed by the patients I am happy to be able to record that there was no case of escape during the year under report.

26. *Accidents and injuries*.—There have been no assaults or injuries or accidents worthy of note among the patients except the following regrettable injuries to the staff.

A hitherto dependable hypochondriac patient who had borne some secret grudge against one of the Sub-Assistant Surgeons, a not very uncommon occurrence with this class of patients, suddenly got excited and attacked this Sub-Assistant Surgeon with a improvised knife made of tin and after inflicting



a few injuries on his person with it he immediately ran after the Second Assistant Superintendent and also attacked him and assaulted him with the knife causing severe injury on his head before he could be caught and overpowered by the staff. Both the officers, I am glad to say, made a speedy recovery, under adequate care and treatment.

27. *Autopsy*.—Twenty-seven post-mortems were performed during the year under report and interesting specimens were preserved in the Laboratory, as usual.

28. *Conservancy and Sanitation*.—As in the previous years the supervision of the conservancy and sanitation of the Hospital, both inside and outside, was strictly maintained. The general sanitation of the whole area of the Hospital was satisfactory throughout the year under report and as already stated, there was no outbreak of any kind of epidemic diseases. Besides, utmost care and attention were paid to the cleanliness of the Wards and the Thresh Disinfector of the Hospital worked at full steam throughout for the disinfection of the patients' clothing and bedding.

29. *Treatment of Mental conditions*.—The treatment of any mental disorder demands much time and patience. Only extreme patience and forbearance on the part of every one in contact with the patient can ensure that consistency and continuity of treatment that are so essential to success. In the mental disorders it is the patient himself who is being treated and not so much other parts of his body, and that is why the personal factor is so important. The secret lies in a proper understanding of the situation in which the patient finds himself. It is essential to try and see the world as the patient sees it, to accept for the time being the reality of his abnormal experience and to stand along side him in his difficulties. The reason why Hospital treatment is very desirable and most soothing in many mental disorders is that the trained staff of the Hospital know how to approach the patient properly and the patient feels that at last he is understood and has some one to rely upon and by making the most of his confidence it is often possible to avoid many difficulties and eventually to lead him back to mental health. As usual strict watch was kept over the latest mental and medical journals for anything likely to influence in a direct or indirect way the course of the malady, and neither expense nor trouble is ever allowed to stand in the way of the employment of the latest discoveries if thereby the patient can in any way be benefited.



(i) *Sulphur injections in mental disorders.*—Eighty patients were given this treatment during the year with the following results :—

Stationary or no improvement.	Improved.	Recovered.
29	35	16

Hitherto we have tried this most useful therapy in 295 cases with the following gratifying results :—

Stationary or no improvement.	Improved.	Recovered.
114	120	51

The above table shows that we have effected 17·3 per cent recovery and 40·7 per cent improvement in our patients by this method and we feel more happy over these results as we were the first in India to experiment with Sulphur injections since 1930. Dr. Knud Shroeder of Demark, the originator of Sulphur treatment in mental disorders, sent us a letter of congratulation on our success with this therapy on the publication of my first article on the subject in *Lancet* of 1931.

(ii) *Use of Sulphur injections in skin diseases.*—As stated in my previous report, during the year 21 patients suffering from the following skin diseases were treated by Sulphur injection :—

Impetigo	..	..	..	..	1
Scabies	..	..	..	..	18
Eczema	..	..	..	..	2
					<hr/> 21 <hr/>

All the above stated skin diseases marvellously disappeared after four or five injections in each case.



(iii) *Rorschach test*.—We tried this test on one patient only as no other suitable cases were available and the result was satisfactory. I also tried this treatment in two of my private patients with equally good results. The Rorschach Tests are very complex and require a lot of time and patience both of the Doctor and the patient and can only be usefully employed in those border line cases which are well educated and are willing to co-operate.

(iv) *Hypno-analYSIS*.—During the year two early cases of Psychoneurosis were treated by me by this method. One patient was discharged during the year as recovered and the other patient will be fit for discharge in early part of 1935.

(v) *Utility of intravenous iodine injections in P. U. O.*—During the year under review 13 cases suffered from Pyrexia of uncertain origin. We tried many recognized methods to bring the fever down but met with disappointment. Eventually we tried intravenous Iodine injection (dose 5 to 8 minim) and the fever came to normal after 3 or 4 such injections in each case and the patients recovered. Similarly this treatment was tried in one obstinate case of Pyaemic abscess and in two cases of Arthritis of the knee joints with satisfactory results.

(vi) *Use of raw brain in stuporous cases*.—This treatment as stated in my last report was continued during the year and the results were disappointing and we finally abandoned the treatment.

(vii) *Physiotherapy*.—It is a strict routine of this Hospital to make a thorough physical examination of all patients after their admission and utmost care is taken to remove any physical defect noticed in them.

The following number of specimens were examined in the Hospital Laboratory during the year under report :—

Kind of specimen.			1934.	1933.	1932.
Blood	...	...	1,073	929	355
Urine	...	...	786	850	610
Stool	...	...	713	669	496
Sputum	...	...	199	216	167



(viii) *Teeth*.—As in the previous years, patients suffering from oral sepsis and requiring immediate treatment were attended to throughout the year under report by the Medical staff of this Hospital as far as practicable in the absence of a Dentist.

I am happy to be able to record that the proposal of appointing a Dentist submitted by me and recommended by the Managing Committee of this Hospital was at last sanctioned by Government in November 1934 and the Dentist has been appointed from 1st January 1935.

(ix) *Syphilis*.—As usual the blood serum of all newly admitted patients and C. S. F. of some special cases were sent to the Prince of Wales Medical College, Patna, for Wassermann Test. During the year under report 225 specimens of blood and 39 specimens of C. S. F. were sent for W. R. test out of which 27 of the former and 7 of the latter were positive. All the positive cases were given Antisyphilitic treatment. The Neurosyphilis cases were treated with Tryparsamide. I have found this drug very helpful in General Paralysis of the Insane and other Neurosyphilitic cases in combination with Salversan or Malaria.

(x) *Hydrotherapy*.—This most useful form of therapy now extensively employed in all the modern mental hospitals is largely used in this Hospital for various mental diseases, specially in Refractory cases to allay excitement. During the year 268 male and 31 female patients were given this treatment with gratifying results. The average number of hours of immersion of patients was 60.77.

(xi) *Occupation therapy*.—In my opinion an idle patient ought to be regarded as a reproach to the hospital. The Occupation therapy is and will always remain a sheet anchor of our treatment, for we have always seen enough of the results of Occupation therapy to feel sure that it leads to the amelioration of conditions in patients which hitherto have not been successfully dealt with in other way. The Occupation therapy is a valuable means of developing the mind, and, where the mind has already developed, of maintaining interests in life and happiness. As stated in my last Annual Report we continued the experiment of employing the highly refractory patients of the hospital on active garden work and the results obtained were very encouraging and our only regret is that we did not try this treatment earlier. The whole atmosphere of our ward no. 11 wherein highly excited patients of the hospital are kept is now completely



changed. This was a noisy, dirty and destructive ward before and since the introduction of active outdoor garden work every patient on an average has put on 2 to 3 lbs. in weight, they sleep better, there is no noise in the night or day and no sleeping draughts are now required.

A brief outline of works done in the Occupation Therapy classes of this hospital is given below :—

Weaving, Cane and bamboo work, Smithy, Carpentry, Tailoring, Cobbling, Mending clothes, Mattress and pillow making, Lace making, Knitting, Embroidery work, Durree making, Gardening, Joss stick making and various miscellaneous and domestic works.

In the last Industrial Exhibition the Occupation Therapy Departments were awarded 4 First Class Certificates for the best exhibits of the following :—

1. Lace.
2. Basket.
3. Durries.
4. *Galichas* and *Asnies*.

30. *Reward to good workers.*—As usual the annual grant of Rs. 600 was divided amongst hardworking patients during the year under report over and above the daily extra gifts of cigarettes, tobacco and other comforts of life. Some of the patients were permitted to send the whole or a portion of the reward to their family at home.

31. *Sports and amusements.*—I consider well organised congenial amusements as adjunct to treatment of mental diseases. With this view attempts were made throughout the year to provide for patients as many and as varied amusements as possible.

*Band.*—As heretofore the Hospital Band had continued to give great pleasure to the patients.

*Games.*—Out-door and in-door games were kept up to a standard throughout the year and were played daily by the patients in both sections of the Hospital. 19 football and 10 hockey matches were played with outside teams of Kanke and Ranchi and the Hospital team won several matches. The Amusement Halls of both sections were largely attended by patients and in addition to the daily amusements the following



special entertainments were arranged for the patients during the year :—

1. Magic and Archery by Prof. P. A. Baghela.
2. Scenes from Shakespeare by Mr. Greenberg and Mr. Salim.
3. Comic shows by the students of the Prince of Wales Medical College.
4. Comic sketches by Prof. Banerjee.
5. 3 Theatrical performances (2 by the combined efforts of the staff and patients and 1 by a club of Ranchi).
6. Acrobatic display.
7. 2 Religious Kāthas by a Pandit.
8. Annual Fireworks.

*Cinema* —The Cinema continued to give regular displays. 147 shows were witnessed during the year by crowded houses with happy faces. Patients are extremely fond of Cinema shows and they look forward to it, but I am afraid I shall have to deny this great pleasure to my patients in the near future, as it becomes increasingly difficult every year to procure silent pictures. The Stockists of silent pictures now definitely inform us that no such pictures will be available in the near future as they from time to time receive orders from the producers to destroy the silent pictures as they hinder the Talkie trade. It means that we shall have to seriously consider the purchase of a Talkie machine for this Hospital some time in 1936.

32. *Feasts*.—Several special feasts were given to the patients as usual on festive occasions and were highly appreciated by them.

33. *Motor Drives*.—As usual Motor Drives and shopping at Ranchi were continued during the year under report and the patients enjoyed this immensely.

34. *Libraries*.—Several new books were purchased during the year and added to patients' as well as the Medical Library. The following Newspapers and Monthly Magazines were continued to be supplied to the Hospital for the benefit of the patients free of cost, by their respective publishers, to whom I take this liberty of offering my very best thanks :—

- |                                  |     |     |     |            |
|----------------------------------|-----|-----|-----|------------|
| 1. Statesman                     | ... | ... | ... | } Daily.   |
| 2. Amrita Bazar Patrika          | ... | ... | ... |            |
| 3. Biswamitra (Hindi vernacular) | ... | ... | ... |            |
| 4. Searchlight                   | ... | ... | ... | Tri-weekly |



5. Patna Times ...	...	...	} Weekly.
6. Basumati (Bengali vernacular)	...	...	
7. Illustrated Times of India	...	...	
8. Bharatbarsha ...	...	...	} Monthly.
9. Prabasi ...	...	...	

35. *Religion*.—As in the previous years religious services for the Christian, Hindu and Muhammadan patients were arranged. Patients were allowed to fast on religious ground and during the year the learned Pandit and a highly qualified Maulvi were engaged on small honorarium to give religious discourses to patients; religious songs and community singing are encouraged on these occasions. Patients love these religious meetings and exhibit great enthusiasm. I take this opportunity of acknowledging my indebtedness to all the Christian Padries and the learned Pandit and Maulavi for their voluntary services and labour of love to this Hospital.

36. *Hospital Garden*.—The vegetable garden of this Hospital has continued to maintain its reputation as one of the best of its kind in the provinces of Bengal and Bihar and Orissa. It is entirely run with patients' labour and the average number of patients employed daily in the garden throughout the period under report was 250.

The subjoined table shows the total value of the goods received from the vegetable garden for the use of the Hospital during the year under report as well as in the two previous years:

Details.	1934.	1933.	1932.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Supply of variety of good vegetables, fruits, spices, paddy, etc. to the Hospital.	22,636 14 0	22,884 3 9	20,605 9 5
Supply of fodder for Hospital cattle.	287 11 0	236 0 0	318 4 0
Sale of surplus vegetables, etc., to the public.	1,581 9 9	1,255 10 9	2,120 5 3
Total ..	24,506 2 9	24,375 14 6	23,044 2 8

During the year more areas were laid out for growing paddy and sugar-cane and 35 maunds of paddy and 245 maunds of sugar-cane were grown and distributed to the patients. An attempt was also made to make Gur this year from our garden-grown sugar-cane and a very fine quality of Gur was manufactured in the Garden and distributed to the patients in place of sugar. The Garden Overseer is now experimenting with growing of bamboos as our demand for bamboo is great and I want the Hospital to be self-supporting in this direction. Similarly our demand for eggs and fowls is also great and a large modern Poultry House constructed entirely by patients' labour is now nearing completion. In 1935 we shall be able to supply our patients with home-laid eggs and home-fed fowls. If the experiment is successful then the Hospital will be self-supporting in the near future in regard to the supply of eggs and fowls. The Ranchi Industrial Exhibition Committee awarded five First Class Certificates for the following best exhibits from our garden :—

1. Potatoes.
2. Papaya.
3. Assorted vegetables of six kinds.
4. Oranges.
5. Gur.

The list appended below shows varieties and the quantities of vegetables, fruits, spices, etc., grown in the Hospital garden and made over to the Hospital for the use of patients from 1st January 1934 to 31st December 1934 :—

Vegetables.		Md. Sr. Ch.			Fruits.		Md. Sr. Ch.		
Cauliflower	..	774	3	1	Sugarcane	..	245	23	0
Cabbage	..	644	36	6	Papaya	..	157	24	6
Radish	..	542	36	0	Guava	..	136	26	0
Gourds	..	523	10	11	Lemons	..	27	7	0
Sag	..	374	20	3	Banana	..	11	10	0



Vegetables.	Md. Sr. Ch.	Fruits.	Md. Sr. Ch.
Turnip ..	225 29 12	Marsh and water mellons and oranges.	11 3 0
Potato ..	205 12 0	Sweet lime ..	3 37 0
Pumpkins ..	220 9 5	Mango ..	2 18 0
Brinjal ..	173 35 9	Pomegranate ..	2 10 0
Sweet potato ..	161 35 6½	Peaches ..	2 1 10
Tomato ..	138 4 3½	Pamalo and grape fruit.	2 0 0
Maize cobs ..	125 16 0		
Peas and beans ..	120 28 11	Custard apple ..	1 27 0
Sundry vegetables	113 31 10	Mulberry ..	1 23 0
Beat ..	79 21 0	Licchi ..	1 0 0
Lady's finger ..	64 8 14	Rose apple ..	0 12 0
Arum ..	42 10 12		
Kohl Rabi ..	41 25 13		
Ground Nut ..	9 30 0		
CONDIMENTS.		PADDY.	35 20 0
Onion ..	371 31 11¼		
Garlic ..	24 15 0		
Ginger ..	3 32 0		
Chillies ..	0 19 0		

It will be presumably permissible to mention here that I am not aware of any Hospital in India whose patients enjoy such large quantity of good fruits and vegetables throughout the year grown by the sweat of their own brow.

37. *New works and maintenance and repairs to the buildings.*—All the buildings of the hospital were maintained in an efficient state of repairs. Some new minor works and special repairs to some of the buildings were carried out by the Public Works Department during the year under report.

The last terrible earthquake which produced havoc in other parts of the Province did no serious damage to the hospital buildings, except a few cracks here and there to some buildings.

38. *Finance.*—(a) *Receipts.*—The receipts from all sources amounted to Rs. 23,727-14-3 in 1934 as compared with Rs. 24,011-10-6 in 1933 and Rs. 24,765-3-1 in 1932.

The following table shows the total amount of realization from paying patients and also the miscellaneous receipts which include the sale proceeds of vegetables and other articles manufactured by the patients in Occupational Therapy Departments :—

Heads.	1934.	1933.	1932.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Receipts from paying patients.	21,156 4 0	22,078 8 0	20,640 15 0
Miscellaneous ...	2,571 10 3	1,933 2 6	4,124 4 1

(b) *Expenditure.*—The total expenditure exclusive of amounts received from paying patients and miscellaneous receipts was Rs. 4,70,895-8-10 in 1934, as compared with Rs. 4,83,573-1-8 in 1933 and Rs. 4,80,459-7-9 in 1932.

#### ANNUAL AVERAGE COST PER PATIENT.

Year.	Annual cost per head including P. W. D. charges.	Annual cost per head excluding P. W. D. charges.
	Rs. a. p.	Rs. a. p.
1934 ...	365 14 9	330 7 3
1933 ...	375 9 2	339 1 7
1932 ...	377 7 11	345 7 5



39. *Staff*.—I am glad to mention that the attendant staff of both sexes is showing a slow but steady improvement in their work and I wish to express my thanks specially to the male Nursing Orderlies for their efficiency in nursing patients on serious list in the Male Section Infirmary.

40. *Health of staff*.—The health of staff was on the whole satisfactory except for two months in the year when several were down with Malaria. Malaria appears to be a regular menace at Kanke both to the health of the staff and patients.

41. *Commendation*.—I am very grateful to the medical staff, officers and employees for their loyalty and co-operation in maintaining and improving our standards of care and treatment of our patients. Without their loyalty and co-operation no progress could be made in any organisation.

42. *Committee of visitors*.—During the year under report 12 meetings were held in the male section by the gentlemen visitors and 10 in the female section by the lady visitors.

Both the visiting committees—ladies and gentlemen—showed a great deal of interest in the welfare of the patients of this Hospital, and I wish to express my sincere thanks to the visitors who have given so freely their time and energy to further the work of the Hospital.

43. *Managing Committee*.—Two meetings of the Managing Committee were held during the year under report. I also wish to thank the members of the Managing Committee for the constant support and encouragement given to me at all times.

44. The Hospital was visited by the following ex-officio and other distinguished visitors during the year under report :—

1. Inspector-General of Civil Hospitals, Bihar and Orissa.
2. Inspector-General of Prisons, Bihar and Orissa.
3. Surgeon-General with the Government of Bengal.
4. Commissioner of Oota Nagpur Division, and some members of the Managing Committee.

5. Agent to the Governor-General, Eastern States Agency.

45. *Casual visitors*.—Many casual visitors of both sexes also visited the Hospital and were kind enough to contribute large or small sums of money to the Donation Fund of the Hospital. I wish to express my sincere thanks to all the above



charitably disposed ladies and gentlemen and also to the following for their princely donation during the year under report :—

		Rs.	a.	p.
1. Maharaja of Mymensingh	...	864	5	9
2. Ambalal Sarabhai of Ahmedabad	...	100	0	0
3. Rai Bahadur Sethmull Dalmia, Calcutta.		40	0	0

46. *Lectures.*—As in the previous years the students of the Prince of Wales Medical College, Patna, were sent to this Hospital during the year for intensive training in mental diseases under me.

The post-graduate students of experimental Psychology of the Universities of Calcutta and Dacca visited the Hospital also during the year under report as in the previous years. They were given short lectures on the subject of abnormal Psychology, with demonstration on interesting cases and it is reported by the Head of the Department of Laboratory of Experimental Psychology, Calcutta, as well as by the Dean of the Faculty of Arts, Dacca University that the students were greatly benefited by their visit to this Hospital.

47. *Papers contributed.*—During the year under review I was invited to read a paper at the Indian Science Congress held at Calcutta. The following paper with demonstration of cases was read by me : “ An Experimental study of Steinach Rejuvenation operation of patients for a period of 3 years.”

J. E. DHUNJIBHOY,

MAJOR, I.M.S.,

*Superintendent, Ranchi Indian Mental Hospital,  
Kanke (Ranchi).*



## STATEMENTS.

## STATEMENT

Showing the admissions, discharges, etc., of patients in the Indian Mental

1			2			3			4			5		
Years.			Remained on 1st January.			Admitted.			Re-admitted.			Total population.		
			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1934	...	...	1,049	234	1,283	82	31	113	7	6	13	1,138	271	1,409
1933	...	...	1,041	239	1,280	103	21	124	13	7	20	1,157	267	1,424
1932	...	...	1,045	227	1,272	83	31	114	14	8	22	1,142	266	1,408

1			6			7			8			9		
Year.			Died.			Remaining on 31st December.			Daily average strength.			Daily average sick		
			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1934	...	...	24	7	31	1,044	239	1,283	1048.51	238.36	1286.87	54.30	10.80	65.10
1933	...	...	23	5	28	1,049	234	1,283	1047.12	240.44	1287.56	59.93	8.10	68.03
1932	...	...	19	2	21	1,041	239	1,280	1043.53	229.22	1272.75	52.21	3.70	55.91

NOTE.—Observation cases are

The capacity of the Indian Mental Hospital is at 50 superficial feet per patient,

The maximum number of lunatics confined on any one night was



No. I.

Hospital, Kanke, Ranchi, during the year 1934, and the two previous years.

6														
Discharged.														
A			B						C			D		
Cured.			Transferred to friends.						Otherwise.			Total.		
			Improved.			Not improved.								
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
56	18	74	12	6	18	2	1	3	...	...	...	70	25	95
59	19	78	22	9	31	4	0	4	...	...	...	85	28	113
60	16	76	12	7	19	7	2	9	3	0	3	82	25	107

11												
Percentage to—												
Daily average strength.						Admissions.						
A			B			C			D			
Cured.			Died.			Cured.			Died.			
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
5.34	7.56	5.75	2.29	2.64	2.41	30.34	27.03	29.36	3.48	...	2.38	
5.63	7.90	6.06	2.20	2.08	2.17	26.72	35.71	27.78	2.59	...	2.08	
5.75	6.98	5.97	1.82	0.87	1.65	25.77	23.08	25.00	4.12	...	2.94	

excluded from this statement.

1,014 for males, 272 for females—Total 1,286.

1,053 males, 242 females—Total 1,295.

# STATEMENT IA.

Showing cases admitted for observation in the Ranchi Indian Mental Hospital during the year 1934.

Name of Hospital.	Year.	Remaining on 1st January 1934.			Admitted during 1934.			Re-admitted.			Certified and admitted into the Hospital.			Certified and released under section 14 of Act IV of 1912.			Released as uncertified.			Died.			Remaining on 31st December 1934.			Remarks.	
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
Indian Mental Hospital, Kanke (Ranchi).	1934	..	..	..	2	4	6	1	..	1	1	3	4	..	..	..	2	..	2	..	..	..	..	1	1	1	



# STATEMENT II.

Return of criminal patients in the Indian Mental Hospital, Kanke (Ranchi), for the year 1934, and the two previous years.

Years.	1		2		3		4		5		6		7		8		9								
	Remaining on 1st January.		Admitted.		Re-admitted.		Total.		Total.		Discharged, transferred, etc.		Died.		Remaining on 31st December.		Daily average strength.								
	Males.	Females.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.								
1934	...	436	38	474	24	8	32	3	1	4	463	47	510	26	3	(a) 29	4	1	5	433	43	476	433'02	33'79	469'81
1933	...	433	39	472	41	2	43	2	...	2	476	41	517	29	3	(b) 32	11	...	11	436	38	474	435'83	33'71	469'54
1932	...	441	33	474	36	10	46	4	1	5	481	44	525	42	4	(c) 46	6	1	7	433	39	472	434'58	34'25	468'83

(a) of which 10 males were transferred to the non-criminal class.

(b) of " 14 " and 1 females ditto ditto.

(c) of " 18 " and 2 females ditto ditto.

and 1 male escaped and is still at large.

Return showing the religion, sex and residence of patients admitted into the Indian Mental Hospital, Kanke (Ranchi), during the year 1934.

28



[illegible]

### STATEMENT III—concl.

District.	1	2		3		4				5		6	
		Hindus.		Muhammadans.		Christians.				Other castes.		Total.	
		Males.	Females.	Total.	Males.	Females.	Total.	Europeans and Eurasians.	Indians.	Males.	Females.	Total.	Total.
Unknown ...	...	1	2	3	2	...	2	...	...	...	...	1	8
24-Parganas ...	...	3	1	4	3	...	3	...	...	...	...	1	8
Total 1934	...	63	21	84	24	6	30	...	...	2	6	8	126
Total 1933	...	80	20	100	29	3	32	...	...	7	5	12	144
Total 1932	...	65	22	87	25	6	31	...	...	4	7	11	136



## STATEMENT V.

Return showing the Ages of Patients admitted into the Indian Mental Hospital, Kanke (Ranchi), during the year 1934, and the two previous years.

[illegible]

## STATE

Showing the form of mental disorder in the admissions, discharges,

	Remaining on 31st December of the preceding year.			Admissions during the year.			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Mental Deficiency ...	37	13	50	0	1	1	37	14	51
2. Manic Depressive Insanity ...	82	19	101	20	13	33	102	32	134
3. Mania ...	104	57	161	9	3	12	113	60	173
4. Melancholia ...	134	23	157	1	1	2	135	24	159
5. Schizophrenia including Dementia Praecox.	190	51	241	18	6	24	208	57	265
6. Secondary Dementia ...	86	22	108	...	...	...	86	22	108
7. Paranoia and Paranoid States ...	80	10	90	3	0	3	83	10	93
8. Epilepsy and Epileptic Insanity ...	49	2	51	4	1	5	53	3	53
9. Toxic Psychosis -									
(a) Acute Confusional Insanity ...	26	12	38	3	4	7	29	16	45
(b) Alcoholic Psychosis ...	20	5	25	4	0	4	24	5	29
(c) Cannabis Indica Psychosis ...	107	0	107	10	0	10	117	0	117
(d) Of Endocrine Origin ...	...	...	...	...	...	...	...	...	...
(e) In relation to child bearing ...	...	...	...	...	1	1	...	1	1
(f) In relation to other constitutional diseases.	...	...	...	2	0	2	2	0	2
10. Organic Psychosis—									
(a) General ...	2	0	2	3	0	3	5	0	5
(b) Cerebral Syphilis ...	2	1	3	...	...	...	2	1	3
(c) Arteriopathic and Senile Psychosis	5	6	11	2	0	2	7	6	13
(d) Encephalitis ...	...	...	...	...	1	1	...	1	1
(e) Other cerebral Lesions ...	2	0	2	...	...	...	2	0	2
11. Neurosis and Psycho-Neurosis ...	25	0	25	3	1	4	28	1	29
12. No appreciable disease ...	98	13	111	4	2	6	102	15	117
13. Not yet diagnosed ...	...	...	...	3	3	6	3	3	6
Total ...	1,049	234	1,283	89	37	126	1,138	271	1,409

NOTE.—Observation cases are excluded



## MENT VI.

recoveries and deaths during the year ending 31st December 1934.

Discharges.						Deaths.			Remaining on the 31st December.			Remarks.
Recoveries.			Otherwise.									
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1	1	2	1	1	2	1	...	1	34	12	46	
16	6	22	2	3	5	2	...	2	82	23	105	
6	3	9	2	1	3	3	2	5	102	54	156	
1	1	2	...	1	1	2	1	3	132	21	153	
5	2	7	7	1	8	7	0	7	189	54	243	
...	...	...	...	...	...	4	1	5	82	21	103	
1	0	1	...	...	...	1	1	2	81	9	90	
...	...	...	...	...	...	1	...	1	52	3	55	
6	3	9	1	0	1	...	1	1	22	12	34	
3	0	3	...	...	...	...	...	...	21	5	26	
8	0	8	1	0	1	1	0	1	107	0	107	
...	...	...	...	...	...	...	...	...	...	...	...	
...	1	1	...	...	...	...	...	...	...	...	...	
1	0	1	...	...	...	...	...	...	1	0	1	
1	0	1	...	...	...	...	...	...	4	0	4	
...	...	...	...	...	...	...	...	...	2	1	3	
...	...	...	...	...	...	...	1	1	7	5	12	
...	...	...	...	...	—	...	...	...	...	1	1	
...	...	...	...	...	...	...	...	...	2	0	2	
3	...	3	...	...	...	...	...	...	25	1	26	
4	1	5	...	...	...	...	...	...	98	14	112	
...	...	...	...	...	...	2	0	2	1	3	4	
56	18	74	14	7	21	24	7	31	1,044	239	1,283	

from this statement.

## STATEMENT VII.

Showing the probable causes of insanity in the patients admitted during the year ending 31st December 1934.

Etiological factors and associated conditions.	Predisposing Causes.			Exciting Causes.			Total.			Remarks.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
1	2	3	4	5	6	7	8	9	10	10 (a)
<b>MENTAL STRESSES—</b>										
Moral ...	...	...	...	...	...	...	...	...	...	...
Business worry ...	...	...	...	...	...	...	...	...	...	...
Domestic worry ...	1	1	2	55	23	78	56	24	80	
Stress of military service ...	...	...	...	...	...	...	...	...	...	
<b>TOXINS—</b>										
Canabis Indica ...	...	...	...	19	...	19	19	...	19	
Alcohol ...	...	...	...	16	2	18	16	2	18	
Other Toxins ...	...	...	...	...	2	2	...	2	2	
Physical ...	...	...	...	...	...	...	...	...	...	
Opium ...	...	...	...	...	...	...	...	...	...	
Boodily illness ...	...	...	...	1	...	1	1	...	1	
Pregnancy ...	...	1	1	...	2	2	...	3	3	
Childbirth ...	...	...	...	...	1	1	...	1	1	
Climacteric ...	...	1	1	...	1	1	...	2	2	
Epilepsy ...	3	...	3	...	...	...	3	...	3	
Head injury ...	1	...	1	...	...	...	1	...	1	
<b>INFECTIONS—</b>										
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	
Influenza ...	...	...	...	...	...	...	...	...	...	
Syphilis ...	2	...	2	8	...	8	10	...	10	
Other infections ...	...	...	...	4	1	5	4	1	5	
Old age ...	2	...	2	1	...	1	3	...	3	
Hereditary Predisposition ...	13	7	20	...	...	...	13	7	20	
Previous attacks ...	11	8	19	...	...	...	11	8	19	
Unascertained ...	44	18	62	14	8	22	58	26	84	

## NOTE—

	M.	F.	T.	
In	4	2	6	cases were sane.
„	14	8	22	no cause could be ascertained.
„	30	10	40	there were exciting causes but no predisposing causes.
„	29	9	38	there were both predisposing and exciting causes.
„	12	8	20	there were more than one predisposing and exciting causes.

89 37 126 cases were admitted during the year 1934.



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STATEMENT VIII.

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## STATEMENT No.

Showing the Cash Account of the Indian Mental Hospital,

1				2	3	4	5
Name of Asylum.				Receipts.			
				Received from Treasury.	Received from paying patients.	Value of stores received from the Manufacturing Department, less cost of raw materials.	Book receipts, i.e., the total of expenditure entered in columns 16, 20 and 21.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Indian Mental Hospital, Kanke (Ranchi).	1934	...	...	3,95,185 2 8	21,156 4 0	25,946 10 4	49,763 12 3
	1933	...	...	4,07,865 2 9	22,078 8 0	23,629 0 5	52,078 14 6
	1932	...	...	4,09,658 6 9	20,640 15 0	25,275 11 6	45,525 5 6

1				13	14	15	16	17	18
Name of Asylum.				Charges—concl'd.					
				Contingencies.			Remitted to Treasury on account of paying patients, etc.	Miscellaneous items.	Total of columns 8—17.
				Contingencies proper.	Repairs and maintenance.	Rates and taxes.			
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Indian Mental Hospital, Kanke (Ranchi).	1934	...	...	65,084 6 10	...	2,020 0 0	21,156 4 0	2,571 10 3	4,44,859 10 10
	1933	...	...	65,596 5 1	...	240 0 0	22,078 8 0	1,933 2 0	4,55,505 13 8
	1932	...	...	69,475 10 1	...	1,085 0 0	20,640 15 0	4,124 4 1	4,59,699 5 4



## VIII.

Kanke, Ranchi, for the year 1934, and the two previous years.

6	7	8	9	10	11	12
Charges.						
Miscellaneous receipts.	Total.	Establishment.		Diet.	Clothing and bedding.	Bazar medicines.
		Establishment proper.	Superintendence.			
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
2,571 10 3	4,94,623 7 1	1,49,392 9 0	29,365 6 0	1,49,814 0 0	23,766 0 3	1,789 6 6
1,933 2 6	5,07,584 12 2	1,47,515 14 0	30,724 1 0	1,59,438 5 9	26,664 1 1	1,315 8 3
4,124 4 1	5,05,224 10 10	1,43,615 9 0	25,691 2 0	1,61,626 12 8	32,051 6 3	1,388 10 3

19	20	21	22	23
----	----	----	----	----

Book charges.			Total of columns 18-21.	Remarks.
Charges on account of work done by the Public Works Department.	Cost of printed forms and stationery.	Cost of English stores, medicines, etc.		
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
45,614 2 0	781 10 3	3,333 0 0	4,94,623 7 1	
46,960 6 6	637 10 0	4,430 14 0	5,07,584 12 2	
40,768 9 8	898 0 0	3,858 12 0	5,05,224 10 10	

## STATEMENT

Showing Receipts and Expenditure on account of manufactures in the previous

Name of Asylum.			Mean population.			Cash paid into Treasury for articles sold.
			Males.	Females.	Total.	
1			2			3
						Rs. a. p.
Indian Mental Hospital, Kanke (Ranchi).	1934	... ..	1048.51	238.36	1286.87	1,698 13 0
	1933	... ..	1647.12	240.44	1287.56	1,380 15 0
	1932	... ..	1043.53	229.22	1272.75	2,100 3 6

Name of Asylum.			Debits—continued.			
			Value of raw materials in store on 1st January.	Value of plant and machinery in store on 1st January.	Raw materials purchased.	Contingencies of manufacture.
1			10	11	12	13
			Rs. a. p.	Rs. a. p.	Rs. a. p.	
Indian Mental Hospital, Kanke (Ranchi).	1934	... ..	6,695 10 2	23,231 9 0	9,143 11 0	...
	1933	... ..	5,312 2 7	25,602 5 0	11,240 2 3	...
	1932	... ..	6,644 2 2	27,653 12 10	8,375 9 0	...

NOTE—(1) The average number of inmates employed during the year on manufactures may be  
 (2) The "value" of materials, stores, etc., must be entered at market rate.



X.

Ranchi Indian Mental Hospital, Kanke, during the year 1934 and the two years.

Credits.					Debits.
Value of manu- factured goods made over to Asylum for Asylum purposes.	Value of raw materials in store at the end of the year.	Value of manufactured goods in store at the end of the year.	Value of plant and machinery in store at the end of the year.	Total credits.	Value of manufactured goods in store on 1st January.
4	5	6	7	8	9
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
34,527 5 6	7,258 10 0	3,033 15 6	21,407 0 6	68,035 13 6	10,036 0 3
33,495 11 1	6,695 10 2	10,036 0 3	23,231 9 0	74,829 13 6	9,363 1 6
35,311 14 2	5,312 2 7	9,363 1 6	25,602 5 0	77,689 10 9	11,601 9 9

		Results.		Remarks.		
All other charges.	Total debits.	Excess of credits or profits.	Excess of debits or loss.	Average number employed.		
				Male.	Female.	Total.
14	15	16	17	18		
Rs. a. p.	Rs. a. p.	Rs. a. p.				
38 10 9	49,145 9 2	18,890 3 4	...	335	60	395
39 3 0	51,556 14 4	23,272 15 2	...	230	42	272
37 14 3	54,313 0 0	23,376 10 9	...	227	41	268

stated in the column for remarks or in a foot-note.

## Abstract of Cash Account of the Ranchi Indian Mental Hospital, Kanke.

Years.	Establishment.		Diet.	
	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
1	2	3	4	5
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1934 ...	1,78,657 15 0	138 13 4	1,49,814 0 0	116 6 8
1933 ...	1,78,239 15 0	138 6 11	1,59,438 5 9	123 13 3
1932 ...	1,69,306 11 0	133 0 5	1,61,626 12 8	126 15 10

Years.	Miscellaneous.		Grand Total.		Charges on account of works done by the Public Works Department.	
	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
1	12	13	14	15	16	17
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1934 ...	...	...	4,22,449 12 7	328 4 5	45,644 2 0	35 7 6
1933 ...	...	...	4,35,685 1 2	338 6 1	46,960 6 6	36 7 7
1932 ...	...	...	4,37,707 14 3	343 14 6	40,768 9 6	32 0 6



## MENT A.

for the year 1934 and the two previous years.

Bedding and clothing.		Me Heines.		Contingencies.	
Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
6	7	8	9	10	11
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
23,766 0 3	18 7 6	5,127 6 6	3 15 9	65,084 6 10	50 9 2
26,664 1 1	20 11 4	5,746 6 3	4 7 5	65,596 5 1	50 15 2
32,051 6 3	25 2 11	5,247 6 3	4 2 0	69,475 10 1	54 9 4

Rates and Taxes.		Cost of printing and stationery.		Total expenditure including all heads of expenditure.	
Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
18	19	20	21	22	23
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
2,020 0 0	1 9 1	781 10 3	0 9 9	4,70,895 8 10	365 14 9
240 0 0	0 3 0	687 10 0	0 3 6	4,83,573 1 8	375 9 2
1,085 0 0	0 13 8	898 0 0	0 11 3	4,80,459 7 9	377 7 11

# STATEMENT B.

Statement showing the number of paying patients treated in the Indian Mental Hospital at Kanke (Ranchi) during the year 1934, and the two previous years.

Year.	Remaining on 1st January.			Admitted.			Readmitted.			Total treated.			Discharged and transferred.			Died.			Remaining on the 31st December.			Daily average strength.			Remarks.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	
1931	49	16	65	14	5	19	0	1	1	63	22	85	10	8	18	2	0	2	51	14	65	48.13	14.91	63.04	
1932	43	17	60	12	8	20	7	4	11	62	20	91	13	12	25	...	1	1	49	16	65	43.62	16.18	62.80	
1933	48	20	68	7	3	10	2	3	5	57	26	83	13	9	22	1	...	1	43	17	60	43.89	16.97	60.83	

J. E. DHUNJIBHOY, MAJOR, I.M.S.,  
 Superintendent,  
 Indian Mental Hospital,  
 Kanke (Ranchi).





